



Serial No. 08/447,974
Docket No. 5634.0145

2699
PF

PATENT

THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

John C. Harvey and James W. Cuddihy:

Serial No.: 08/447,974

Group Art Unit: 2699

Filed: May 23, 1995

Examiner: FAILE, A.

For: SIGNAL PROCESSING APPARATUS
AND METHODS

Atty. Docket: 05634.0145

RECEIVED
MAR 26 2002
Technology Center 2600

TRANSMITTAL LETTER

Assistant Commissioner of Patents
Washington, D.C. 20231

Information Disclosure Statement;
 PTO FORM 1449;
 A fee of \$180.00 is required, and is calculated as shown below:

| | (Col 1) Claims Remaining After Amendment | (Col 2) Highest No. Previously Paid for | (Col 3) Present Extra | Rate | Additional Fee |
|--|--|--|--------------------------|-------------|-------------------|
| Total | * | Minus | ** | =0 | x \$ 18.00 \$0.00 |
| Indep | * | Minus | *** | =0 | x \$ 78.00 \$0.00 |
| First Presentation of Mult. Dep. Claim | | | | x \$ 260.00 | \$0.00 |
| Fee under 37 C.F.R. § 1.17(p). | | | | | \$180.00 |
| Total Fee Enclosed | | | | | \$180.00 |

* If the entry in Col. 1 is less than the entry in Col. 2, write "0" in Col. 3.
** If the "Highest Number Previously Paid For" in this space is less than 20, write "20" in this space.
*** If the "Highest Number Previously Paid For" in this space is less than 3, write "3" in this space. "The Highest Number Previously Paid For" (Total or Independent) is the highest number found from the equivalent box in Col. 1 of a prior amendment or the number of claims originally filed.

HUNTON & WILLIAMS check no. 2050845 in the amount of \$180.00 is enclosed.
 The Commissioner is hereby authorized to charge any additional fees, or credit any overpayment to Deposit Account No. 50-0206.

Any filing fees under 37 CFR 1.16 for the presentation of extra claims.
 Any patent application processing fees under 37 CFR 1.17.

Respectfully submitted,

Thomas J. Scott

Thomas J. Scott, Jr.
Reg. No. 27,836
Donald J. Lecher
Reg. No. 41,933
Attorneys for Applicants
Tel: (202) 955-1938

Date: March 21, 2002
HUNTON & WILLIAMS
1900 K Street, N.W.
12th Floor
Washington, D.C. 20006



THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : John C. Harvey and
James W. Cuddihy

H29
3-29-02
NP

Serial No. : 08/447,974

Docket No. : 5634.0145

Filed : May 23, 1995

For : SIGNAL PROCESSING APPARATUS AND METHODS

Group Art Unit : 2699

Examiner : FAILE, A.

RECEIVED

MAR 26 2002

Technology Center 2600

Box: FEE-AMENDMENT

Commissioner for Patents
Washington, D.C. 20231

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with 37 C.F.R. §§ 1.56, 1.97, and 1.98, Applicants respectfully request consideration of the references listed on the attached Form PTO-1449.

Applicants respectfully request that the Examiner consider the references cited on the PTO-1449 and that the Examiner indicate that the references have been considered in this application by returning a copy of the Form PTO-1449 with the Examiner's initials in the left column per M.P.E.P. § 609.

I. Description of the References

The references identified in this Supplemental Information Disclosure Statement ("Supplemental IDS") can be grouped into two categories. *First*, applicants have identified in this Supplemental IDS references made of record in applicants' related applications that have not previously been made of record in the instant case.

Second, this Supplemental IDS identifies two new references that have not previously been identified in this application or any other related applications to date. These two new references are Japanese references that came to applicants' attention during the prosecution of applicants' applications pending in Japan. These new references are: JP 59-224988 and JP 61-174889.

II. Description of Corrections

In the course of preparing this Supplemental IDS applicants identified a number of miscellaneous inadvertent clerical errors contained in previously filed information disclosure statements. Applicants have corrected any such inadvertent errors with respect to references that are identified in this Supplemental IDS. With respect to inadvertent errors that occurred in information disclosure statements previously filed in this application applicants' identify and correct such inadvertent errors as follows:

- In the May 11, 2001 Information Disclosure Statement, the foreign patent reference previously identified as JP 59-50134 is correctly identified as JP 59-501340. Also in the May 11, 2001 Information Disclosure Statement, the foreign patent reference FR 79-03351 identifies the French application number. The correct identification of this reference is publication number FR 2,417,226.
- With respect to foreign patent references in various information disclosure statements, information regarding the publication dates of these references may not have been supplied or may have been incorrectly identified. Additionally, applicants made inadvertent errors with respect to the provision of translations for certain foreign language references. A

corrected complete list of all foreign references made of record in applicants' related pending applications is identified in Appendix A.

- In the concise explanation previously provided for foreign reference DE 2,338,330, this reference was misidentified. The correct patent number for this German reference is DE 2,338,380.

III. Concise Explanations of Foreign Language References

Applicants unintentionally may not have provided concise explanations for certain previously identified foreign language references. Concise explanations for these references are provided in Appendix B. Additionally, in Appendix B applicants provide concise explanations for the two new Japanese references cited for the first time in this Supplemental IDS.

Applicants' submission of Appendix B meets the requirements regarding a concise explanation of foreign references as set forth in 37 CFR 1.98 and M.P.E.P. § 609.

IV. Conclusion

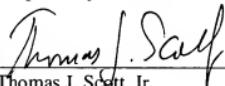
Pursuant to an agreement reached between the Examiner and applicants (see first Office Action issued in this application), applicants are not submitting copies of the references cited in this Supplemental IDS where applicants have previously provided copies of all of the references cited herein in related applications. Applicants are presently providing newly acquired translations of three Japanese patent applications, 58-99817, 56-84340 and 58-29020 in applicants' application number 08/113,329, pursuant to the same agreement mentioned above.

This Information Disclosure Statement is being filed more than three months after the U.S. filing date and after the mailing date of the first Office Action on the merits, but before the mailing date of a Final Rejection or Notice of Allowance. 37 C.F.R. § 1.97(c).

Submitted herewith is a check in the amount of \$180.00 to cover the fee for filing this Supplemental Information Disclosure Statement under 37 C.F.R. § 1.17(p). Any deficiency in or overpayment of this fee should be charged or credited to Deposit Account No. 50-0206.

Date: March 21, 2002
HUNTON & WILLIAMS
1900 K Street, N.W.
Washington, DC 20006

Respectfully submitted,



Thomas J. Scott, Jr.
Reg. No. 27,836
Tel.: (202) 955-1685
Fax: (202) 778-2201

APPENDIX A

FOREIGN PATENT DOCUMENTS

| DOCUMENT NUMBER | PUBLICATION DATE | COUNTRY | CLASS/ SUBCLASS | TRANSLATION NO | YES |
|-----------------|------------------|---------------|-----------------|----------------|-----|
| 20,242 | 12/10/80 | EPO | G09G 1/16 | X | |
| 46,108 | 02/17/82 | EPO | H04N 5/76 | X | |
| 49,184 | 04/07/82 | EPO | G09B 7/08 | X | |
| 53,984** | | Japan | | X | |
| 55,167 | 06/30/82 | EPO | G09G 1/16 | X | |
| 55,674 | 07/07/82 | EPO | 07/07/82 | | |
| 56,649 | 07/28/82 | EPO | H04N 5/44 | | |
| 481,565 | 04/29/76 | Australia | | | |
| 77,712 | 04/27/83 | EPO | H04N 7/00 | X | |
| 78,185 | 05/04/83 | EPO | H04N 7/00 | X | |
| 103,438 | 03/21/84 | EPO | H04N 7/10 | | |
| 128,481 | 12/19/84 | EPO | H04N 7/00 | | |
| 132,007 | 01/23/85 | EPO | H04N 7/16 | | |
| 133,985 | 03/13/85 | EPO | H 04 N 7/087 | | |
| 152,251 | 08/21/85 | EPO | H04H 1/2 | | |
| 187,417 | 07/16/86 | EPO | H04 N 7/087 | | |
| 206,821 | 12/30/86 | EPO | H04N 7/00 | | |
| 217,308 | 04/08/87 | EPO | H04M 11/00 | | |
| 857,862 | 1/4/61 | Great Britain | 40 (1) | | |
| 959,274 | 05/27/64 | Great Britain | | | |
| 1,066,931 | 04/26/67 | Great Britain | G 07c | | |
| 1,189,612 | 06/25/85 | Canada | Ho4n 7/08 | | |
| 1,204,190 | 09/03/70 | Great Britain | | | |
| 1,213,357 | 11/25/70 | Great Britain | | | |
| 1,216,977 | 01/20/87 | Canada | HO4M 11/00 | | |
| 1,370,535 | 10/16/74 | Great Britain | G09G1/16 | | |
| 1,396,981 | 06/11/75 | Great Britain | H04H 1/00 | | |
| 1,515,309 | 06/21/78 | Great Britain | G06 K 15/20 | | |
| 1,523,307 | 08/31/78 | Great Britain | H03K 5/08 | | |
| 1,543,502 | 04/04/79 | Great Britain | G08B9/00 | | |
| 1,554,411 | 10/17/79 | Great Britain | H04b 3/54 | | |
| 1,556,366 | 11/21/79 | Great Britain | | | |
| 1,582,563 | 01/14/81 | Great Britain | G08B9/00 | | |
| 1,584,111 | 02/04/81 | Great Britain | G08B9/00 | | |
| 2,016,874 | 02/01/79 | Great Britain | | | |
| 2,033,699 | 05/21/80 | Great Britain | H04L 1/10, 1/40 | | |
| 2,034,995 | 06/11/80 | Great Britain | H03J 7/18, 5/00 | | |

| DOCUMENT NUMBER | PUBLICATION DATE | COUNTRY | CLASS/ SUBCLASS | TRANSLATION NO | YES |
|-----------------|------------------|---------------|-----------------|----------------|-----|
| 2,051,527 | 01/14/81 | Great Britain | G06F 3/153 | | |
| 2,058,681 | 06/15/72 | Germany | H04N 7/08 | X | |
| 2,067,379 | 07/22/81 | Great Britain | H04L 1/24 | | |
| 2,081,948 | 02/24/82 | Great Britain | H04Q 9/00 | | |
| 2,090,504 | 07/07/82 | Great Britain | H04N 3/16 | | |
| 2,103,455 | 02/16/83 | Great Britain | H04N 1/00 7/12 | | |
| 2,126,002 | 03/14/84 | Great Britain | G11B 15/02 | | |
| 2,140,963 | 12/05/84 | Great Britain | | | |
| 2,141,897 | 01/03/85 | Great Britain | H04N 7/16 | | |
| 2,164,229 | 03/12/86 | Great Britain | | | |
| 2,167,917 | 06/04/86 | Great Britain | | | |
| 2,185,670 | 07/22/87 | Great Britain | H04N 7/087 | | |
| 2,338,380 | 02/13/75 | Germany | | X | |
| 2,356,969 | 05/22/75 | Germany | | | X |
| 2,417,226 | 02/01/79 | France | | X | |
| 2,453,441 | 05/13/76 | Germany | H04L 9/00 | X | |
| 2,496,376 | 06/18/82 | France | H04N 7/00 | X | |
| 2,516,733 | 05/05/83 | France | H04N 7/00 | X | |
| 2,550,624 | 05/26/77 | Germany | | X | |
| 2,823,175 | 11/29/79 | Germany | G06F 3/12 | X | |
| 2,831,014 | 04/03/80 | Germany | | X | |
| 2,853,764 | 01/29/81 | Germany | | X | |
| 2,904,891 | 08/16/79 | Germany | | | X |
| 2,918,846 | 11/13/80 | Germany | F26B 12/02 | | X |
| 3,020,787 | 12/17/81 | Germany | H04N 7/08 | X | |
| 3,039,949 | 05/06/82 | Germany | H04M 3/42 | X | |
| 3,112,249 | 10/07/82 | Germany | G09G 1/28 | X | |
| 3,143,627 | 05/11/83 | Germany | | | X |
| 3,337,204 | 04/25/85 | Germany | H04N 5/44 | X | |
| 53-068124 | 06/17/78 | Japan | | | X |
| 53-11515 | 02/02/78 | Japan | | X | |
| 53-121420 | 10/23/78 | Japan | | X | |
| 55-028691 | 02/29/80 | Japan | | | X |
| 55-26792 | 02/26/80 | Japan | | X | |
| 55-49084 | 04/08/80 | Japan | | | X |
| 55-500886 | 10/30/80 | Japan | | X | |
| 55-79585 | 06/16/80 | Japan | | X | |
| 56-47179 | 04/28/81 | Japan | | | X |
| 56-51161 | 05/08/81 | Japan | | | X |
| 57-199377 | 12/07/82 | Japan | | | X |
| 58-156279 | 09/17/83 | Japan | | X | |

| DOCUMENT NUMBER | PUBLICATION DATE | COUNTRY | CLASS/ SUBCLASS | TRANSLATION NO | YES |
|-----------------|------------------|-----------|-----------------|----------------|-----|
| 58-209276 | 12/06/83 | Japan | | | X |
| 59-154886 | 09/03/84 | Japan | | | X |
| 59-160387 | 09/11/84 | Japan | H04N 7/10 | | X |
| 59-224988 | 12/17/84 | Japan | | | X |
| 59-501340 | 03/23/84 | Japan | | X | |
| 60-123182 | 07/01/85 | Japan | | | X |
| 60-146587 | 08/02/85 | Japan | | X | |
| 60-149281 | 08/06/85 | Japan | | X | |
| 60-256289 | 12/17/85 | Japan | H04N 7/173 | | X |
| 60-61935 | 04/09/85 | Japan | G11B15/02 | X | |
| 61-148988 | 07/07/86 | Japan | H04N 7/173 | | X |
| 61-174889 | 08/06/86 | Japan | | X | |
| 61-20441 | 01/29/86 | Japan | | X | |
| 61-267474 | 11/27/86 | Japan | | X | |
| 61-50470 | 03/12/86 | Japan | H04N 5/44 | X | |
| PL 204,525 | 02/09/78 | Poland | | X | |
| WO 80/00292 | 02/21/80 | PCT Appl. | H04N9/16 | X | |
| WO 80/02093 | 10/02/80 | PCT Appl. | H04B 1/20 | | |
| WO 80/02901 | 12/24/80 | PCT Appl. | H04N 7/16 | X | |
| WO 81/02961 | 10/15/81 | PCT Appl. | H04N 7/16, 7/04 | | |
| WO 83/00789 | 03/03/83 | PCT Appl. | H04N 7/08 | X | |
| WO 85/03604 | 08/15/85 | PCT Appl. | H03K 3/84 | | |
| WO 85/03830 | 08/29/85 | PCT Appl. | H04N 7/16 | | |
| WO 87/04884 | 08/13/87 | PCT Appl. | H04M 11/08 | | |

** Japanese reference 53,984 to Jinno was cited by the Examiner in Application No. 08/470,447. The Examiner did not supply a publication date and applicants have been unable to determine a publication date for this reference.

APPENDIX B

Concise Explanations for Foreign References

JP 61-174889 August 6, 1986 Japan

Foreign language patent JP 61-174889 came to applicants' attention during the prosecution of applicants' applications pending in Japan.

**FR 2,417,226 February 1, 1979 France
PL 204,525 February 9, 1978 Poland**

The French reference 2,417,226 and Polish reference PL 204,525 are both applications filed by Zaboklicki. The PTO has cited the German application filed by Zaboklicki which claims priority to the Polish Zaboklicki application. Translations of the German Zaboklicki application have been provided to the Examiner.

DE 2,831,014 April 3, 1980 Germany

The German reference DE 2,831,014 was applied by the Examiner in the September 4, 2001 Office Action in Application No. 08/487,526.

JP 55-26792 February 26, 1980 Japan

The Japanese reference JP 55-26792 was applied by the Examiner in the August 27, 2001 Office Action in Application No. 08/470,571.

WO 80/02901 December 24, 1980 France

The WO 80/02901 reference discloses a television system with a double key encryption service for subscription television.

DE 3,337,204 April 3, 1980 Germany

German reference DE 3,337,204 discloses a viewer interactive program schedule.

The following Japanese references were identified on applicants' on May 11, 2001 IDS, but explanations were unintentionally not provided. All of these applications came to applicants' attention during the prosecution of applicants' applications pending in Japan.

| | | |
|---------------------|--------------------------|--------------|
| JP 53-11515 | February 2, 1978 | Japan |
| JP 53-121420 | October 23, 1978 | Japan |
| JP 55-500886 | October 30, 1980 | Japan |
| JP 59-501340 | March 23, 1984 | Japan |
| JP 60-146587 | September 2, 1985 | Japan |
| JP 61-20441 | January 29, 1986 | Japan |
| JP 61-267474 | November 27, 1986 | Japan |

The following references were cited on PTO form 892 by the Examiners in applicants related pending applications.

| | | |
|---------------------|---------------------------|--------------|
| JP 58-156279 | September 17, 1983 | Japan |
| JP 55-79585 | June 16, 1980 | Japan |

| | | |
|--|---|------------------------|
|  INFORMATION DISCLOSURE STATEMENT BY APPLICANT CITATION FORM | Attorney Docket No. | Serial No. |
| | 05634.0145 | 08/447,974 |
| | Applicant(s) John C. Harvey and James W. Cuddihy | |
| | Filing Date May 23, 1995 | Group Art Unit 2699 |

UNITED STATES PATENT DOCUMENTS

| EXAMINER INITIAL | PATENT NUMBER | PATENT DATE | NAME | CLASS/ SUBCLASS | FILING DATE* |
|------------------|---------------|-------------|---------------------|-----------------|------------------------|
| | 1,992,271 | 02/26/35 | Williams | | |
| | 2,046,381 | 07/07/36 | Hicks et al. | | |
| | 2,192,217 | 03/05/40 | Bellamy, et al. | | |
| | 2,217,881 | 10/15/40 | Allen | | |
| | 2,236,077 | 03/25/41 | Smith | | |
| | 2,264,563 | 12/02/41 | Bumstead | | |
| | 2,570,209 | 10/09/51 | Cotsworth, III | | |
| | 2,855,993 | 10/14/58 | Rahmel | 358/84 | RECEIVED |
| | 2,995,624 | 08/08/61 | Watters | | MAR 26 2002 |
| | 3,011,153 | 11/28/61 | Haselton et al. | | |
| | 3,029,308 | 04/10/62 | Adler et al. | | |
| | 3,082,402 | 03/19/63 | Scantlin | | Technology Center 2600 |
| | 3,366,731 | 01/30/68 | Wallerstein | | |
| | 3,612,752 | 10/12/71 | Banning, Jr. | 178/5.1 | |
| | 3,764,983 | 10/09/73 | Stok | 340/150 | |
| | 3,778,058 | 12/11/73 | Rausch | 463/3 | |
| | 3,778,721 | 12/11/73 | Moran | 325/396 | |
| | 4,035,838 | 07/12/77 | Bassani et al. | 358/86 | |
| | 4,059,729 | 11/22/77 | Eddy et al. | 179/15 BF | |
| | 4,061,879 | 12/06/77 | Wintzer | 179/15 BA | |
| | 4,135,156 | 01/16/79 | Sanders, Jr. et al. | 325/4 | |
| | 4,162,483 | 07/24/79 | Entenman | 340/147 R | |
| | 4,199,791 | 04/22/80 | Corey | 360/69 | |
| | 4,225,918 | 09/30/80 | Beadle et al. | 364/200 | |
| | 4,319,353 | 03/09/82 | Alvarez, III et al. | 370/104 | 02/29/80 |
| | 4,365,249 | 12/21/82 | Tabata | 340/825.3 | 09/29/80 |
| | 4,380,027 | 04/12/83 | Leventer et al. | 358/147 | 12/08/80 |
| | 4,383,273 | 05/10/83 | Lunn | 348/725 | 12/29/80 |
| | 4,386,416 | 05/31/83 | Giltner et al. | 364/900 | 06/02/80 |
| | 4,402,009 | 08/30/83 | Rathjens et al. | 358/125 | 04/08/81 |
| | 4,426,698 | 01/17/84 | Pargee, Jr. | 371/37 | 08/24/81 |
| | 4,495,623 | 01/22/85 | George et al. | 371/38 | 09/02/82 |
| | 4,532,540 | 07/30/85 | Wine | 358/12 | 03/28/83 |
| | 4,644,396 | 02/17/87 | Iwasaki | 380/6 | 05/24/85 |
| | 4,825,050 | 04/25/89 | Griffith et al. | 235/379 | 09/13/83 |
| | Re. 33,808 | 01/28/92 | Wright, Jr. | 358/86 | 08/28/85 |

* If Pertinent

MAR 21 2002

2

FOREIGN PATENT DOCUMENTS

| EXAMINER INITIAL | DOCUMENT NUMBER | PUBLICATION DATE | COUNTRY | CLASS/ SUBCLASS | TRANSLATION YES NO |
|------------------|-----------------|------------------|---------------|-----------------|--------------------|
| | 1,204,190 | 09/03/70 | Great Britain | | |
| | 1,213,357 | 11/25/70 | Great Britain | | |
| | 2,164,229 | 03/12/86 | Great Britain | | |
| | 2,167,917 | 06/04/86 | Great Britain | | |
| | 2,356,969 | 05/22/75 | Germany | | X |
| | 2,831,014 | 04/03/80 | Germany | | X |
| | 53-068124 | 06/17/78 | Japan | | X |
| | 55-26792 | 02/26/80 | Japan | | X |
| | 55-49084 | 04/08/80 | Japan | | X |
| | 55-79585 | 06/16/80 | Japan | | X |
| | 58-156279 | 09/17/83 | Japan | | X |
| | 58-209276 | 12/06/83 | Japan | | X |
| | 59-224988 | 12/17/84 | Japan | | RECEIVED X |
| | 60-123182 | 07/01/85 | Japan | | X |
| | 61-174889 | 08/06/86 | Japan | | X |

MAR 26 2002

Technology Center 2600

OTHER DOCUMENTS

| EXAMINER INITIAL | DATE, AUTHOR, TITLE, PERTINENT PAGES, ETC. |
|------------------|---|
| | "Advanced Minicomputer-based Systems for Banking and Financial Institutions," Money Management Systems, Incorporated, brochure, 1980, 9 pages. |
| | "Advanced Transmission Techniques," SMPTE Journal, Report on the 121st Technical Conference, January 1980, Vol. 89, pp. 31-32. |
| | "American National Standard" "dimensions of video, audio and tracking control records on 2-in video magnetic tape quadruplex recorded at 15 and 7.5 in/s," SMPTE Journal, October 1981, pp. 988-989. |
| | "American National Standard" "time and control code for video and audio tape for 525-line/60-field television systems," SMPTE Journal, August 1981, pp. 716-717. |
| | "Anderson: Progress Committee Report for 1979 - Television," SMPTE Journal, May 1980, Vol. 89, pp. 324-328. |
| | "Application of Direct Broadcast Satellite Corporation for a Direct Broadcast Satellite System," Before the Federal Communications Commission, Washington, D.C., Gen. Docket No. 80-603, July 16, 1981. |
| | "Cable TV Advertising," Paul Kogan Associates, Inc., No. 22, Feb. 18, 1981, 6 pages. |
| | "CAMP," Arbitron Cable, The Arbitron Company, product brochure, May 1980, 8 pages. |
| | "Contraband code," Closed Circuit, Broadcasting, Sep. 28, 1970, 1 page. |
| | "Did the ad run?", Media Decisions, July 1969, pp. 44 et seq. |
| | "Digisonics pushes its coding method," Broadcasting, Dec. 7, 1970, p. 37. |
| | "DIGISONICS TV Monitor System Finds Defenders," Advertising Age, Dec. 8, 1969, 1 page. |
| | "Digisonics violated standards, says BAR," Broadcasting, Oct. 5, 1970, pp. 21-23. |
| | "Digisonics' Aim Is Info Bank, Not Just Proof of Performance," Advertising Age, Nov. 9, 1970, 4 pages. |
| | "Digisonics' dilemma," Media Decisions, June 1971, 6 pages. |
| | "Everything you've always wanted to know about TV RATINGS," A.C. Nielsen Company, brochure, 1978. |
| | "How to increase training productivity through VIDEODISC and MICROCOMPUTER systems," seminar brochure, 1981. |
| | "IDC begins monitoring," At Deadline, Broadcasting, Sep. 14, 1970, p. 9. |
| | "IDC encoding system still alive at FCC," Broadcasting, Sep. 27, 1971, p. 31. |
| | "In this corner, DIGISONICS!", Media Decisions, June 1968, 5 pages. |
| | "Index to SMPTE-Sponsored American National Standards, Society Recommended Practices, and Engineering Committee Recommendations," 1980 Index to SMPTE Journal, SMPTE Journal, pp. I-15 to I-20. |

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /MM/

| EXAMINER INITIAL | SEARCHED INDEXED SERIALIZED FILED DATE, AUTHOR, TITLE, PERTINENT PAGES, ETC. |
|------------------|---|
| | "Index to Subjects - January-December 1976 • Volume 85," 1976 Index to SMPTE Journal, SMPTE Journal, Vol. 85, pp. I-5 to I-13, I-15. |
| | "Index to Subjects - January-December 1977 • Volume 86," 1977 Index to SMPTE Journal, SMPTE Journal, Vol. 86, pp. I-5 to I-14. |
| | "Index to Subjects - January-December 1979 • Volume 88," 1979 Index to SMPTE Journal, SMPTE Journal, Vol. 88, pp. I-4 to I-10. |
| | "Index to Subjects - January-December 1980 • Volume 89," 1980 Index to SMPTE Journal, SMPTE Journal, pp. I-5 to I-11. |
| | "Index to Volume 87 January-December 1978," SMPTE Journal, Part II to January 1979 SMPTE Journal, pp. I-1, I-4 to I-14. |
| | "Listeners," Closed Circuit, Broadcasting, 1 page. |
| | "Management With The Nielsen Retail Index System," A.C. Nielsen Company, 1980. |
| | "Measuring The Cable Audience," Ogilvy & Mather, Advertising, 1980, pp. H1-H8. |
| | "No Diginomics friends show in comments," Broadcasting, May 24, 1971, p. 62. |
| | "Preliminary List of Papers," SMPTE Journal, September 1980, Vol. 89, p. 677. |
| | "Proposed SMPTE Recommended Practice" "Vertical Interval Time and Control Code for Video Tape for 525-Line/60-Field Television Systems," SMPTE Journal, September 1981, pp. 800-801. |
| | "SMPTE Journal Five-Year Index 1971-1975," SMPTE Journal. |
| | "SMPTE Journal Five-Year Index 1976-1980," SMPTE Journal. |
| | "Talent pay code put off," At Deadline, Broadcasting, Nov. 9, 1970, p. 9. |
| | "Television," SMPTE Journal, May 1981, pp. 375-379. |
| | "The TCR-119 Reader," Gray Engineering Laboratories, SMPTE Journal, May 1980, Vol. 89, p. 800-801 (advertisement). |
| | "Vidbits," Advertising Age, Sep. 21, 1981, p. 70. |
| | "Video Tape Recording Glossary," SMPTE Journal, October 1980, Vol. 89, p. 733. |
| | 9 Digital Television Developments, Independent Broadcasting Authority (Iba) Technical Review, Pp. 19-31. |
| | A System Of Data Transmission In The Field Blanking Period Of The Television Signal, Iba Technical Review, Digital Television, Pp. 37-44. |
| | Addressable Cable Television Control System with Vertical Interval Data Transmission, Campbell et al. abandoned app. No. 348,937, pp. 1-28, abstract, claims 1-42, Figs. 1-13 (March 1980) |
| | Ancillary Signals for Television, U.S. Dept. of Commerce, Sep. 1975. |
| | Anderson, The Vertical Interval: A General-Purpose Transmission Path, September, 1971 |
| | Appx. B of Petition to FCC, p. 72, filed July 29, 1980. |
| | Automated Videotape Delay Of Satellite Transmission, Chiddix, "Satellite Communicatins Magazine", 2 Pages. |
| | Barlow, Automatic Switching in the CBC - An Update, September 1, 1976 |
| | Beakhurst, D.J., et al., "Teletext and Viewdata - A Comprehensive Component Solution," Illustrations, Proceedings, IEE, Vol. 126, December 1979, pp. 1382-1385. |
| | BS-14, Broadcast Specification, Television Broadcast Videotext, Telecommunication Regulatory Service, June 19, 1981. |
| | DeGoulet, et al., "Automatic Program Recording System" Radio diff. Et TV 11/75 |
| | Diederich, Electronic Image and Tone Return Equipment With Switching System and Remote Control Receiver for Television Decoder, May 22, 1975 |
| | Enhanced graphics for Teletext, R.H. Vivian, August 1981, IEEE pp. 541-550 |
| | Etkin, Vertical Interval Signal Applications, Broadcast Engineering, pp. 30-35, April 1970. |
| | Federal Register/Vol.64, No. 146/Friday, 7/30/99 |
| | Ferre, "Goodbye, TV Snow", Electronic Servicing, May 1977, pages 14-22 |
| | From Satellite To Earth Station To Studio To S-T-L To Mds Transmitter To Home; Pay Television Comes To Anchorage Alaska, Verga, "Telecommunications Systems, Inc.", Baltimore, Md. Pages 76-80. |
| | Gaucher, et al., Automatic Program Recording System, November 1, 1975 |
| | Howell, "A Primer on Digital Television" Journal of the SMPTE, 7/1975, 538-541 |

| EXAMINER INITIAL | DATE, AUTHOR, TITLE, PERTINENT PAGES, ETC. |
|------------------|--|
| | Hult, "A System of Data Transmission in the Field Blanking Period of the Television Signal", SLICE pages 37-44, 6/1973 |
| | John Hedger, Oracle (TCA), U.K. (1980) |
| | Kamishima, et al., A Monitor Device of a Switcher System, May 8, 1981 |
| | Money, "CEEFAX/ORACLE: reception techniques (part 1)" Television, July 1975, Vol 25, No. 9, pages 396-398 |
| | O'Donnell, John et al., "Videodisc Program Production Manual," SONY, 1981. |
| | O'Connor, Ad Hoc Committee on Television Broadcast Ancillary Signals, Journal of the SMPTE, Vol. 82, Dec. 1973. |
| | Petition for Rulemaking filed with the FCC by CBS Inc. on 7/29/1980, Page 72 of Appendix B |
| | Present Status Of Still Picture Television, Research & Development, Nhk. |
| | Schubin, The First Nationwide Live Stereo Simulcast Network, SMPTE Journal, Vol. 86, Jan. 1977. |
| | SMPTE Journal, May 1980, Vol. 89, p. 391, no title. |
| | Stagg, "An integrated Teletext and Viewdata Receiver" The SERT Journal Vol 11, 10/1977, pages 210-213 |
| | Stern, et al., An Automated Programming Control System for Cable TV |
| | Systems of VSA-Videographic (KC026867) |
| | Taylor, John P., "Comsat bid to FCC for DBS authorization: Is direct broadcasting the wave of the future?", Television/Radio Age, Mar. 23, 1981, pp. A-22-24 and A-26 and A-28-31. |
| | Taylor, John P., "Comsat bid to FCC for DBS authorization: Questions of finances, 'localism,' monopoly," Television/Radio Age, May 4, 1981, pp. 42-44 and 80-81. |
| | Taylor, John P., "Fourteen DBS authorization applications to FCC differ greatly in both structure and operations," Television/Radio Age, Oct. 5, 1981, pp. 40-42 and 116-119. |
| | Teletext Receiver LSI Data Acquisition and Control, G.O. Growther, et al., 1/1976 pp. 9/1-9/5 |
| | Television Network Automated By Mini Computer-Controlled Channels, "Computer Design", Vol. 15, No. 11, Pages 58,59,62,66,70. |
| | The Specification of the Parent Application of Campbell et al., filed 3/1980 (WO 81/02961 PCT) |
| | Viewdata, First World Conference on Viewdata, Videotext and Teletext, 26 March 1980, pp. 431-445 |
| | VSA's Teletext Products, Videographic Systems of America. |
| | Zettl, Television Production Handbook, January 1, 1969 |

| EXAMINER | DATE CONSIDERED |
|--------------------|-----------------|
| /Michael Moore Jr/ | 10/20/2009 |

EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

RECEIVED
MAR 26 2002
Technology Center 2600